

## AirLink® XR90 for Emergency Medical Services – Delivering expedited patient care

### Meet Amy

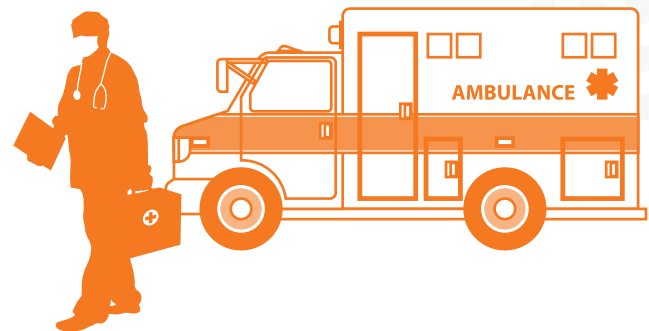


Amy is a Senior EMT-Paramedic for a medium-sized city. She is heading up a team to improve and expedite patient care through better field communications with local hospitals.

### THE CHALLENGE

#### IMPROVE PATIENT DATA EXCHANGE BETWEEN THE EMS VEHICLES AND LOCAL HOSPITALS

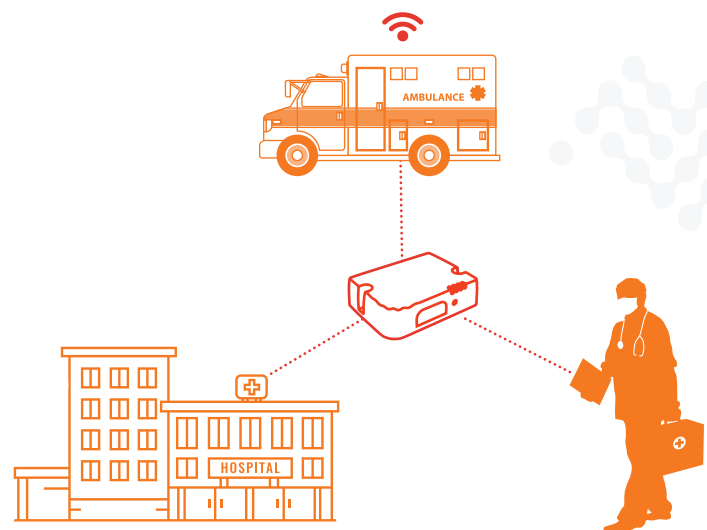
Amy knows how critical it is to have the right information to treat patients in the field as well as in the hospital. Her goal is to access complete electronic patient care records (EPCR) in real-time to better treat emergencies. She also wants to quickly transmit patient data back to the hospital so doctors can be better prepared. And patient records and condition must be kept confidential.



### THE SOLUTION

#### USE SIERRA WIRELESS AIRLINK XR90 CELLULAR ROUTERS TO MAXIMIZE COMMUNICATIONS BETWEEN THE EMS VEHICLES IN THE FIELD AND LOCAL HOSPITALS

With the AirLink XR90's 5G, Wi-Fi 6, Bluetooth and Gigabit Ethernet speeds, EMS vehicles can get patient electronic patient care records (EPCR) as soon as possible. The AirLink XR90's 5G communication speeds allow the EMS teams to transmit large EKG files to the hospital in addition to patient videos while en route to the hospital. At the hospital, the EMS team can quickly offload patient files using Wi-Fi 6. And with the AirLink XR90's multiple connection ports, all the EMS and vehicle equipment can directly interface to the router simplifying implementation and increasing reliability.



### THE RESULTS

#### EXPEDITED RESPONSE AND IMPROVED PATIENT CARE

AirLink XR90 routers delivers the real-time data and video connectivity that Amy needs. AirLink Cognitive Wireless delivers always on connectivity and maximum uptime which is critical when every second counts. The rugged design provides high reliability in a rough field environment and advanced security ensures patient data confidentiality. And with the AirLink XR90's advanced navigation, EMS vehicles can get to a scene faster with improved location tracking from the hospital or depot.